

Volunteer Stream Monitoring Data 2005

Inlet #9, Temple Creek at West Newman Lake Rd.

Culvert measures 3.0' in diameter.

Pygmy or Mini meters were used to determine velocity or flow.

Date			1/1/2005	1/14/2005	1/29/2005	2/12/2005	2/27/2005	3/9/2005	3/26/2005	3/27/2005	4/9/2005
Time			1:00 PM	Too much ice to take	10:00 AM	9:45 AM	1:30 PM	2:15 PM	2:20 PM	3:00 PM	9:00 AM
Weather			Cold,Cldy	measure- ments	Cold,Sun	Cold	Clear/Sun	Lt. Rain	Rain/Snow	Storm Event	Clear/Sun
Water Sample Collected			Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dissolved Oxygen:											
%Saturation			93.8		104.4	97.2	96.3	94.0	110.3	NA	94.4
mg/L			13.38		14.46	14.00	14.02	12.40	15.56	NA	12.60
Water Temperature:											
Centigrade			0.9		1.7	0.5	0.1	3.7	1.3	NA	3.4
Fahrenheit			33.6		35.2	32.9	32.2	38.2	34.3	NA	38.1
Flow:											
Cubic Feet/Second			0.187		1.048	0.326	0.293	0.294	0.307	3.700	1.924
Staff Gauge (ft.)			0.21		0.23	0.22	Frozen	0.19	0.22	0.50	0.38
Crest Gauge (ft.)			Not working		Not working	NA	in ice block	Not working	NA	Not working	NA

5/1/2005	5/10/2005	5/14/2005	5/28/2005	6/11/2005
2:10 PM	9:10 AM	9:00 AM	9:55 AM	9:10 AM
Sun/Warm	Storm	Rain	Sun	Cloudy
	Event			
Yes	Yes	Yes	Yes	Yes
95.6	NA	98.7	94.2	104.8
11.34	NA	11.40	10.84	12.00
7.9	NA	9.3	9.2	9.3
46.3	NA	48.0	48.5	49.0
0.382	1.048	0.335	0.903	0.293
0.21	0.24	0.20	0.26	0.22
Not working	NA	Not working	Not working	NA